

WHAT IS CLAIMED IS:

1. A method for increasing a data transmission rate at a terminal having a network protocol, comprising:

establishing a window size, the window size being an indicator of an amount of data the terminal can receive;

receiving a plurality of data segments in accordance with the window size;

measuring an error condition of the plurality of data segments over a specified time period; and

changing the window size of the terminal based on the error condition to improve the data transmission rate between the transmitter and the terminal.

2. The method of claim 1, wherein changing the window size of the terminal is further based on a number of the data segments received.

3. The method of claim 1, wherein the error condition is a number of errored octets of the plurality of data segments.

4. The method of claim 1, wherein the network protocol is a transmission control protocol (TCP).

5. The method of claim 1, further comprising informing the transmitter of transmitted data segments of a second window size.

6. The method of claim 5, further comprising receiving a second plurality of data segments in accordance with the second window size.

7. A method for increasing a data transmission rate at a terminal having a network protocol, comprising:

establishing a first window size, the first window size being an indicator of an amount of data the receiver can receive;

transmitting first transmitted data to the receiver in accordance with the first window size;

receiving information from the receiver to transmit data in accordance with a second window size of the receiver; and

transmitting second transmitted data to the receiver in accordance with the second window size to improve the data transmission rate a transmitter and the terminal.

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